

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/003151

A. CLASSIFICATION OF SUBJECT MATTER
IPC⁷: G02F 1/1335

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC⁷: G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 8-248410 A (TOSHIBA CORP.) 27 September 1996 (27.09.1996) <i>paragraphs 19-52.</i> <i>figures 3, 4.</i>	1-4
A	—	11
A	WO 2003/056383 A1 (SAMSUNG ELECTRONICS) 10 July 2003 (10.07.2003) <i>figures 1-3, 6, 7; page 9, line 13- page 16, line 21; page 17, line 17- page 23, line 9.</i>	1, 5-7, 11-13
A	—	
A	US 2002/0191130 A1(LIANG et al.) 19 December 2002 (19.12.2002) <i>paragraphs 12-16.</i>	1-3, 11, 14

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search 16 February 2005 (16.02.2005)	Date of mailing of the international search report 21 March 2005 (15.03.2005)
Name and mailing address of the ISA/ AT Austrian Patent Office Dresdner Straße 87, A-1200 Vienna Facsimile No. +43 / 1 / 534 24 / 535	Authorized officer GRONAU E. Telephone No. +43 / 1 / 534 24 / 320

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/KR 2004/003151

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP A	8248410A 2		none	
US A	20020191 130		none	
WO A	20030563 83		none	